

SYSTEM AND METHOD FOR REMOTE RETROFIT IDENTIFICATION  
OF ENERGY CONSUMPTION SYSTEMS AND COMPONENTS

ABSTRACT OF THE INVENTION

5       A method for diagnostically evaluating energy  
consumption of a facility includes receiving energy  
consumption data associated with the facility, generating  
facility data associated with the facility, and receiving  
external variable data associated with the facility  
10 corresponding to the energy consumption data. The method  
also includes generating a first energy consumption model  
for the facility using the facility data, the energy  
consumption data, and the external variable data. The  
first energy consumption model corresponds to actual  
15 energy consumption of the facility. The method further  
includes generating a second energy consumption model for  
the facility using the facility data and the external  
variable data. The second energy consumption model  
corresponds to expected energy consumption of the  
20 facility. The method also includes diagnostically  
evaluating the energy consumption of the facility using  
the first and second energy consumption models.